

Ivan Krakovsky

List of Publications by Year in descending order

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35
papers

493
citations

687363

13
h-index

713466

21
g-index

35
all docs

35
docs citations

35
times ranked

601
citing authors

#	ARTICLE	IF	CITATIONS
1	Poly(ethylene oxide)-like Plasma Polymers Produced by Plasma-Assisted Vacuum Evaporation. <i>Plasma Processes and Polymers</i> , 2010, 7, 445-458.	3.0	56
2	Inhomogeneous structure of polyurethane networks based on poly(butadiene)diol: 1. The effect of the poly(butadiene)diol content. <i>Polymer</i> , 1997, 38, 3637-3643.	3.8	43
3	Inhomogeneous structure of polyurethane networks based on poly(butadiene)diol: 2. Time-resolved SAXS study of the microphase separation. <i>Polymer</i> , 1997, 38, 3645-3653.	3.8	38
4	Time resolved small angle X-ray scattering of inorganic-organic gel formation kinetics. <i>Journal of Non-Crystalline Solids</i> , 1998, 231, 31-40.	3.1	37
5	Structure and swelling behaviour of hydrophilic epoxy networks investigated by SANS. <i>Polymer</i> , 2006, 47, 218-226.	3.8	26
6	Study on the Microstructure of Polyester Polyurethane Irradiated in Air and Water. <i>Polymers</i> , 2015, 7, 1755-1766.	4.5	21
7	Phase mixing and separation in polyester polyurethane studied by small-angle scattering: A polydisperse hard sphere model analysis. <i>Polymer</i> , 2018, 147, 1-7.	3.8	20
8	Microstructure Changes in Polyester Polyurethane upon Thermal and Humid Aging. <i>Polymers</i> , 2016, 8, 197.	4.5	18
9	Thermoresponsive double network hydrogels composed of poly(N-isopropylacrylamide) and polyacrylamide. <i>European Polymer Journal</i> , 2019, 116, 415-424.	5.4	17
10	Cyclotrimerization of isocyanate groups. I. Catalyzed reactions of phenyl isocyanate. <i>Journal of Applied Polymer Science</i> , 1994, 52, 895-904.	2.6	16
11	SANS and DSC study of water distribution in epoxy-based hydrogels. <i>European Polymer Journal</i> , 2011, 47, 2177-2188.	5.4	16
12	Structure and swelling behaviour of epoxy networks based on $\hat{1},\hat{1}\%$ -diamino terminated poly(oxypropylene)-block-poly(oxyethylene)-block-poly(oxypropylene). <i>Polymer</i> , 2005, 46, 109-119.	3.8	15
13	Thermal transitions in $\hat{1},\hat{1}\%$ -diamino terminated poly(oxypropylene)-block-poly(oxyethylene)-block-poly(oxypropylene) aqueous solutions and their epoxy networks. <i>Journal of Non-Crystalline Solids</i> , 2005, 351, 1254-1260.	3.1	14
14	Poly(N,N $\hat{2}$ -Diethylacrylamide)-Based Thermoresponsive Hydrogels with Double Network Structure. <i>Polymers</i> , 2020, 12, 2502.	4.5	14
15	Cyclotrimerization of isocyanate groups. II. Catalyzed reactions of phenyl isocyanate in the presence of 1-butanol or butyl-N-phenylurethane. <i>Journal of Applied Polymer Science</i> , 1994, 53, 1435-1446.	2.6	13
16	Microphase-Separated PE/PEO Thin Films Prepared by Plasma-Assisted Vapor Phase Deposition. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 8201-8212.	8.0	13
17	Structure of inhomogeneous polymer networks prepared from telechelic polybutadiene. <i>Polymer</i> , 2002, 43, 4989-4996.	3.8	12
18	Epoxy networks and thermosensitive hydrogels prepared from $\hat{1},\hat{1}\%$ -diamino terminated polyoxypropylene and polyoxyethylene bis(glycidyl ether). <i>European Polymer Journal</i> , 2014, 55, 144-152.	5.4	11

#	ARTICLE	IF	CITATIONS
19	Small-angle neutron scattering study of nanophase separated epoxy hydrogels. Journal of Non-Crystalline Solids, 2010, 356, 368-373.	3.1	10
20	Structure and elasticity of polyurethane networks based on poly(butadiene) diol, 4,4-diphenylmethane diisocyanate and poly(oxypropylene) triol. Polymer, 1993, 34, 3437-3445.	3.8	8
21	Elastic and swelling behavior of 2-hydroxyethyl methacrylate, diethylene glycol methacrylate, and methacrylic acid copolymers. Journal of Applied Polymer Science, 1997, 64, 2141-2148.	2.6	8
22	Physical crosslinking effects in $\hat{1}\pm, \hat{1}\%$ -dihydroxy terminated polybutadienes. Polymer, 2007, 48, 2079-2086.	3.8	8
23	Structure and properties of epoxy/polyaniline nanocomposites. Journal of Non-Crystalline Solids, 2012, 358, 414-419.	3.1	7
24	In Situ Nanocalorimetric Investigations of Plasma Assisted Deposited Poly(ethylene oxide)-like Films by Specific Heat Spectroscopy. Journal of Physical Chemistry B, 2016, 120, 3954-3962.	2.6	7
25	Epoxy networks and hydrogels prepared from $\hat{1}\pm, \hat{1}\%$ -diamino terminated poly(oxypropylene)-b-poly(oxyethylene)-b-poly(oxypropylene) and polyoxypropylene bis(glycidyl ether). European Polymer Journal, 2015, 62, 19-30.	5.4	6
26	Structure of Plasma (re)Polymerized Polylactic Acid Films Fabricated by Plasma-Assisted Vapour Thermal Deposition. Materials, 2021, 14, 459.	2.9	6
27	Thermal transitions and structure of epoxy networks based on $\hat{1}\pm, \hat{1}\%$ -diamino terminated poly(propylene) Tj ETQq1 1 0.784314 rgBT Science, Part B: Polymer Physics, 2005, 43, 699-708.	2.1	5
28	Dependence of nanophase separated structure of epoxy hydrogels on swelling conditions investigated by SANS. European Polymer Journal, 2009, 45, 1385-1390.	5.4	5
29	SANS and NMR study on nanostructure of thermoresponsive double network hydrogels. European Polymer Journal, 2020, 137, 109929.	5.4	5
30	Thin films of cross-linked polylactic acid as tailored platforms for controlled drug release. Surface and Coatings Technology, 2021, 421, 127402.	4.8	5
31	Network structure of inorganic/organic hybrid gels. Macromolecular Symposia, 1995, 93, 11-16.	0.7	4
32	Epoxy-Based Hydrogels Investigated by High-Frequency Dielectric Relaxation Spectroscopy. Journal of Physical Chemistry B, 2013, 117, 14122-14128.	2.6	4
33	SANS study on influence of temperature on nanophase separation in epoxy-based hydrogels. European Polymer Journal, 2015, 71, 336-351.	5.4	4
34	SANS study on the surfactant effect on nanophase separation in epoxy-based hydrogels prepared from $\hat{1}\pm, \hat{1}\%$ -diamino terminated polyoxypropylene and polyoxyethylene bis(glycidyl ether). European Polymer Journal, 2016, 85, 452-465.	5.4	1
35	Thermal Portrayal of Phase Separation in Polymers Producing Nanophase Separated Materials. Hot Topics in Thermal Analysis and Calorimetry, 2011, , 115-127.	0.5	0